

CR Number: 3013

External Reference: SAFER CR 139

Category: SAFER XML, SAFER ICD

Component: SAFER/CVIEW

Synopsis: Standardization of data values in XML input transactions.

Summary: Data elements input to SAFER must be standardized to ensure data quality and integrity.

Proposal: Volpe will draft SAFER data requirements and distribute to stakeholder for review and discussion.

Status: Open

Disposition: [2004-10-25] Will be posted to CVISN System Architects list serv for review.

Description: [2004-10-18] During the 9/23 ACCB meeting Volpe led a discussion regarding left-justification of the CVIS_DEFAULT_CARRIER field. This is a data integrity issue that applies to many data elements, especially to those that could be interpreted as either character or numeric. Each XML transaction needs to be reviewed, but a general approach to addressing this issue is needed. Volpe will write one or more CRs to address this issue. The solution for the immediate problem with Nebraska registration data is that Nebraska will left-justify the values in the CVIS_DEFAULT_CARRIER field and re-baseline - this specific instance is addressed in Arch CR 2954 (SAFER CR 138). Arch CR 3013 (SAFER CR 139) addresses the general problem.

[2004-10-18] From SAFER CR 139

When searching data against the SAFER database, it has brought to our attention that some key data fields submitted from the XML input transactions are provided in an inconsistent manner.

A good example is that the IRP_ACCOUNT_NUMBER in T0020 can have leading zeros, leading space and etc. Another example is IRP_CARRIER_ID_NUMBER OR CVIS_DEFAULT_CARRIER in T0022 where leading zeros and null can be an issue to CVISN or PRISM states.

This CR is intended to address the need to standardize the input data fields as to how the data value should be provided to SAFER. The result of this effort shall improve the data integrity and data quality of the SAFER database.

The Volpe Center is conducting technical analysis on all XML input transactions and the SAFER database. Based on the analysis, a draft of SAFER data requirements will be developed and distributed to the stakeholders for review and discussion.

[2005-10-25] Presented and discussed at the 2004-10-21 ACCB meeting. This CR will be posted to the CVISN System Architects list serv for review.

Fix:

Comment:

**Attachment
Names:**

Responsibility:

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Type: Suggestion

Closed On: